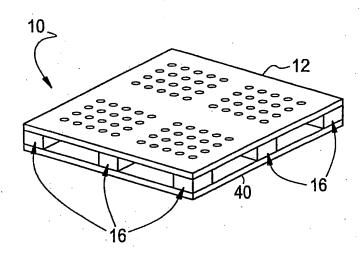
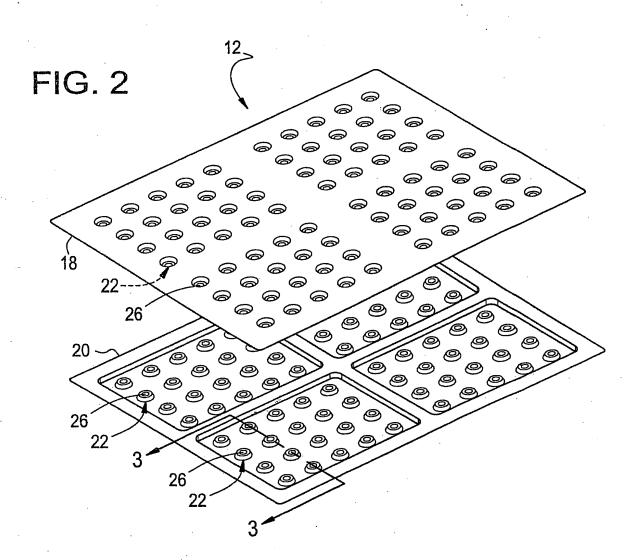


FIG. 1





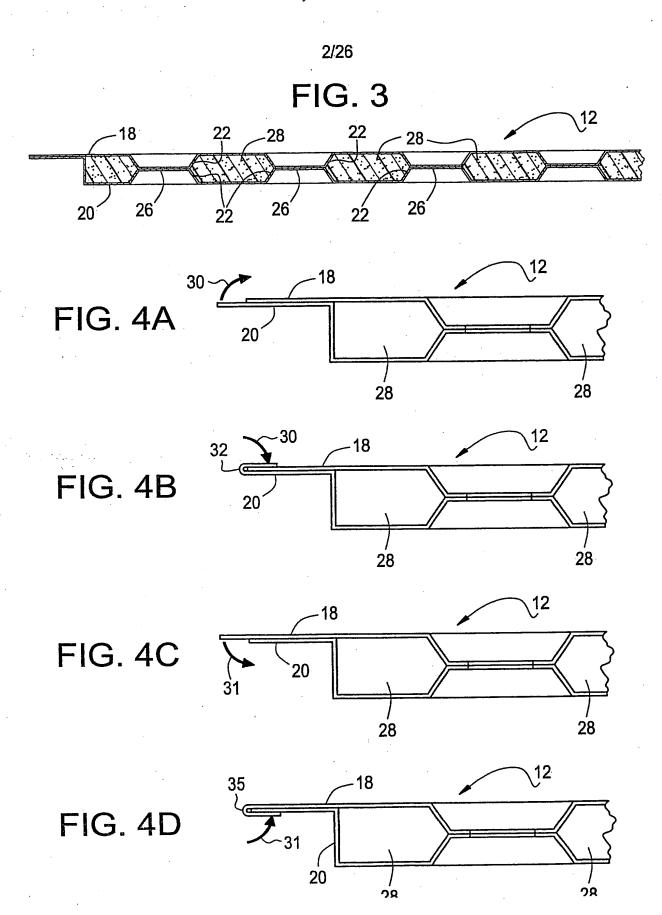


FIG. 4E

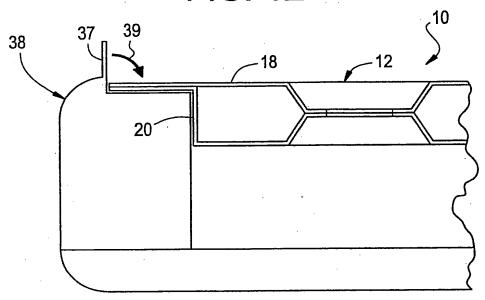
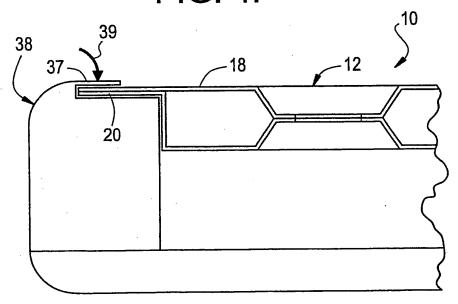


FIG. 4F



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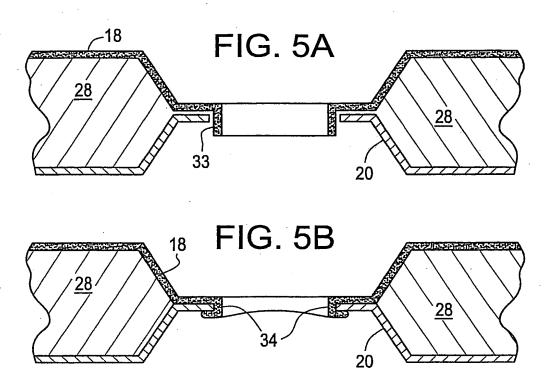
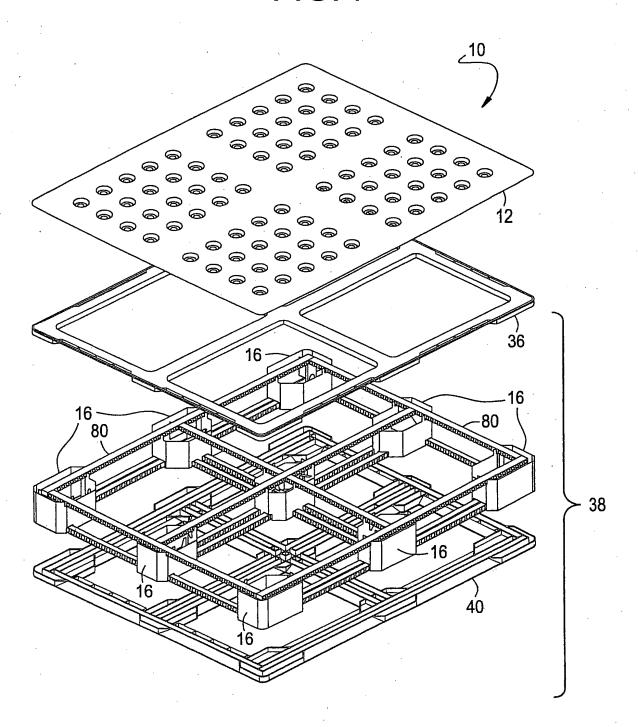


FIG. 6

FIG. 7



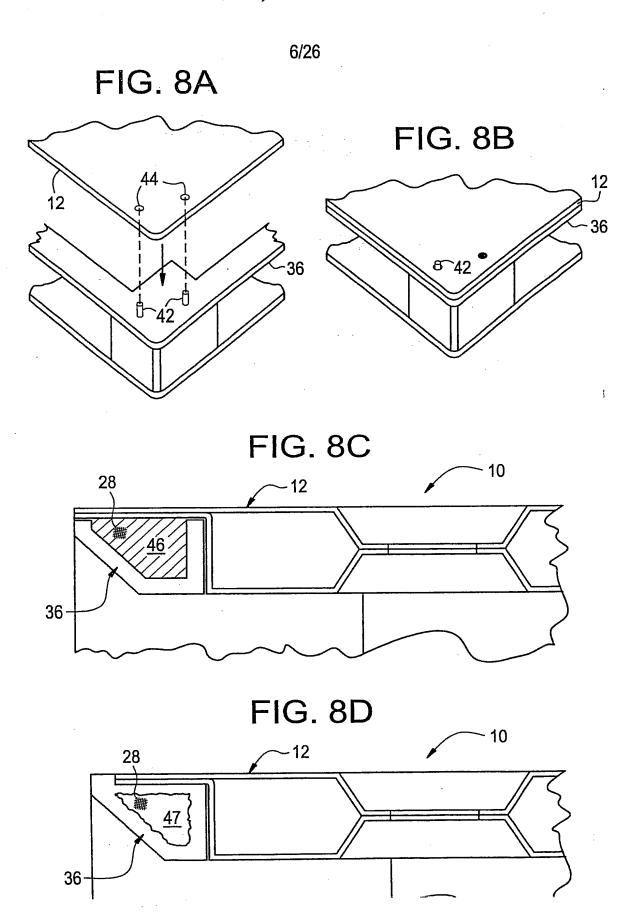
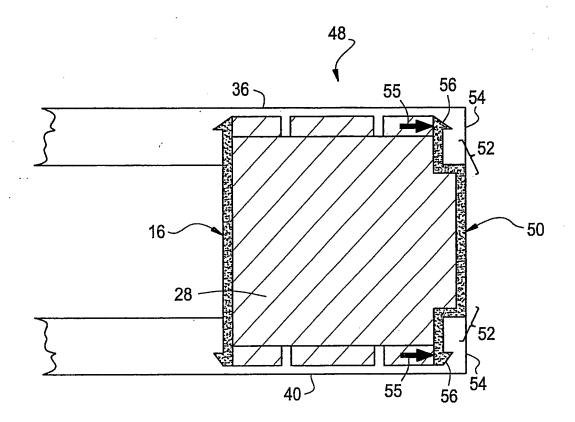
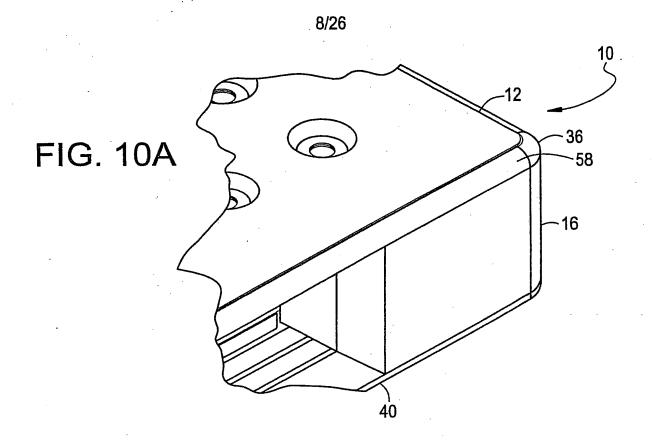
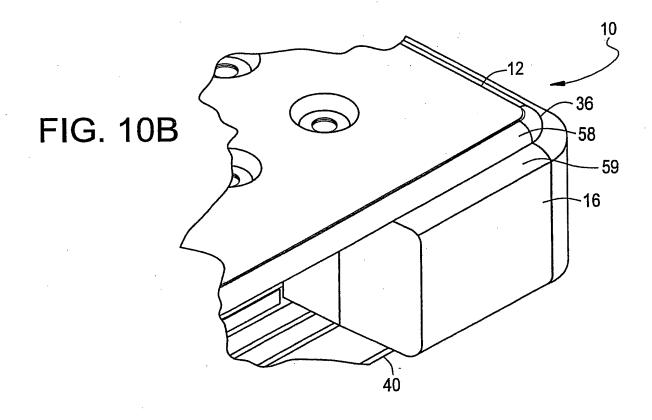


FIG. 9







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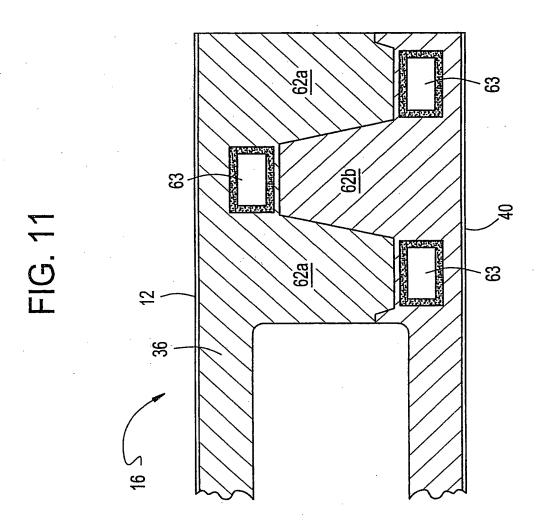
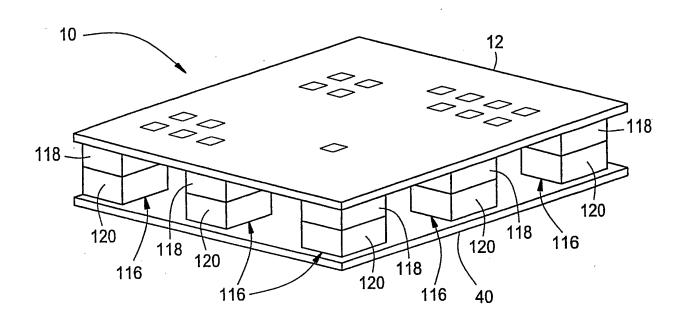
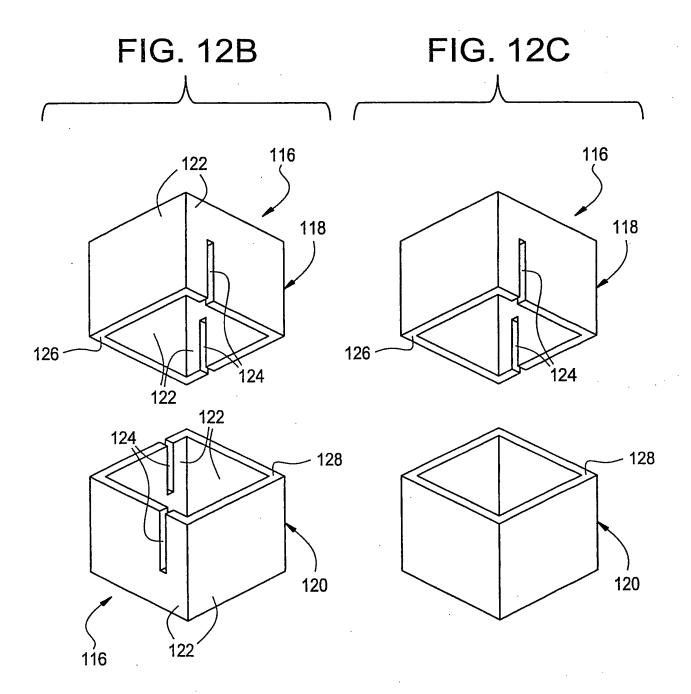


FIG. 12A



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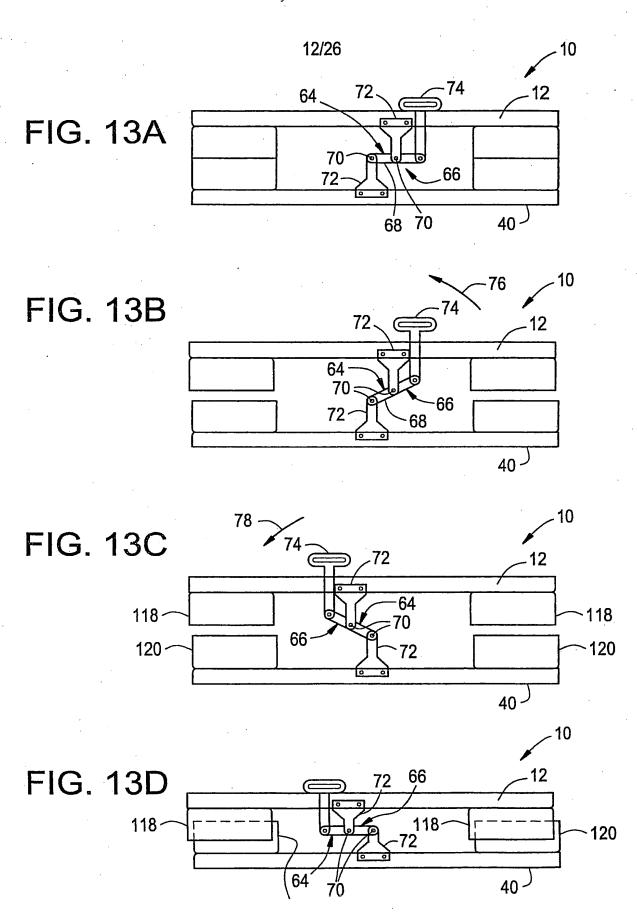


FIG. 13E

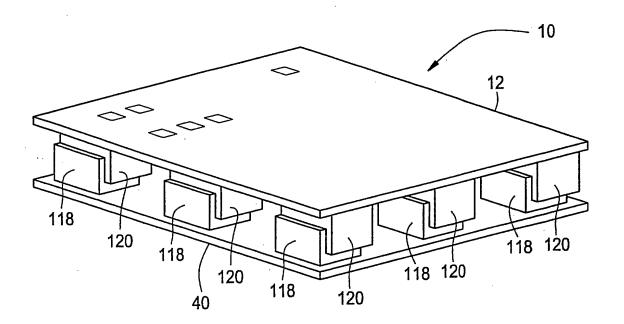


FIG. 14

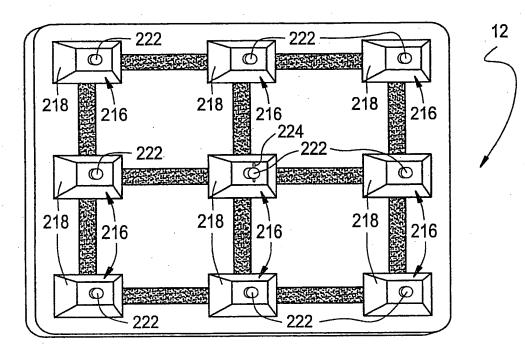
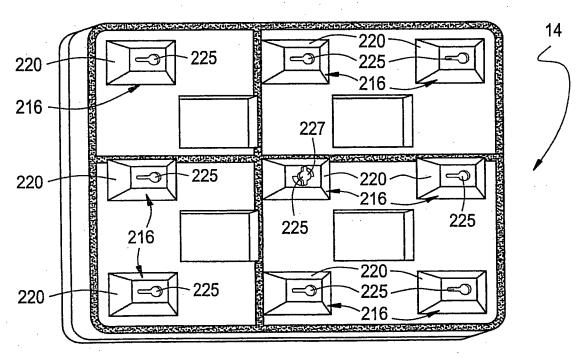


FIG. 15



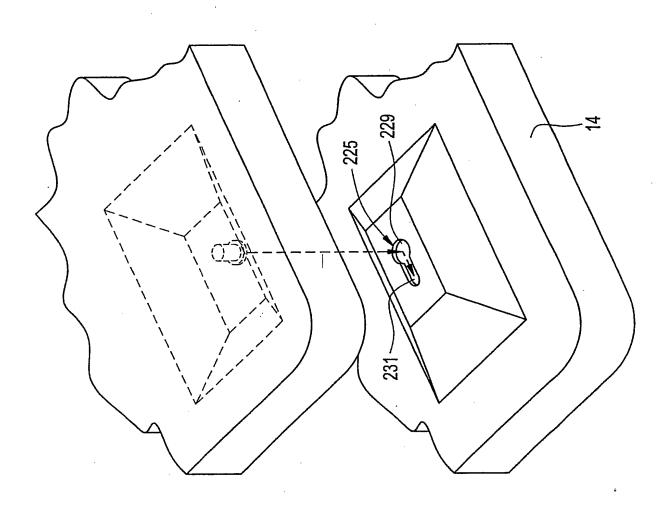
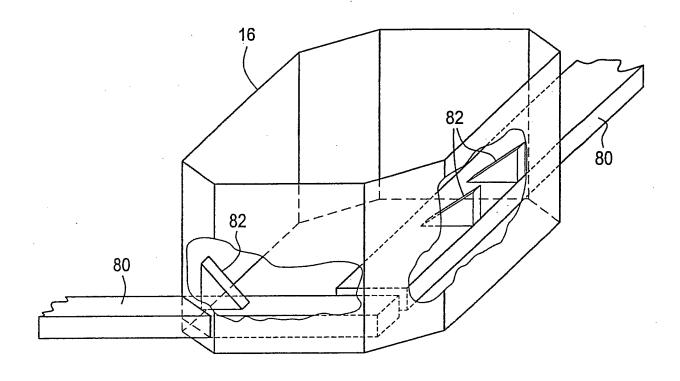
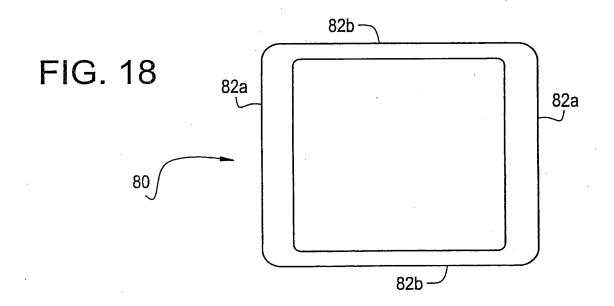
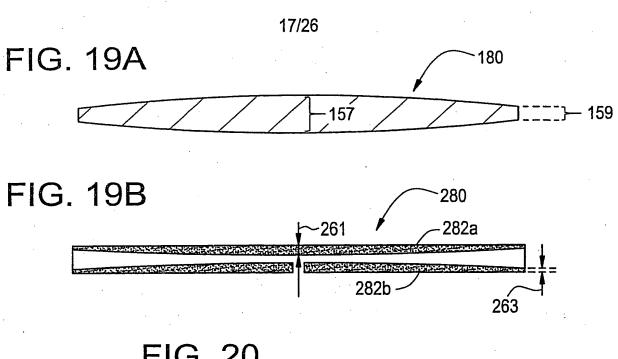


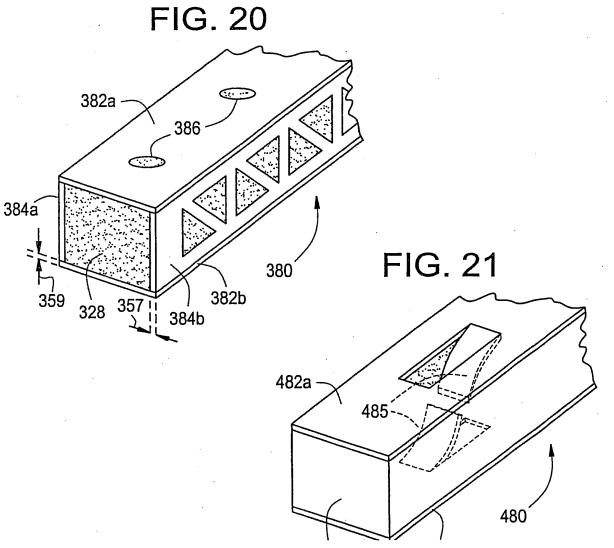
FIG. 16

FIG. 17









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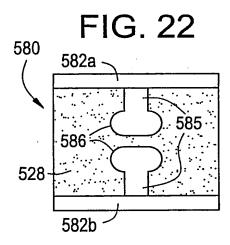
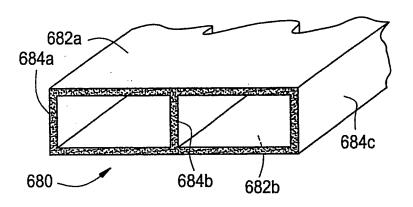


FIG. 23



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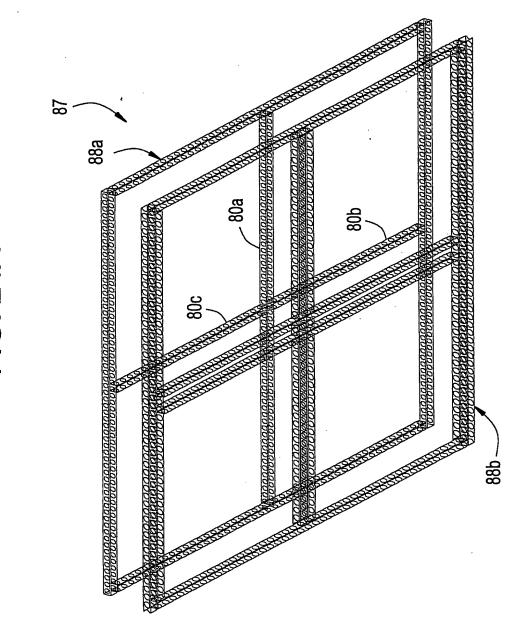


FIG. 24A

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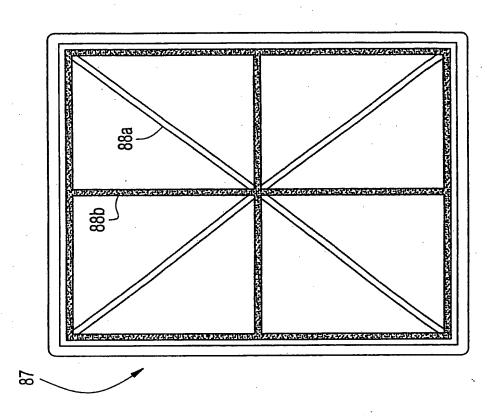
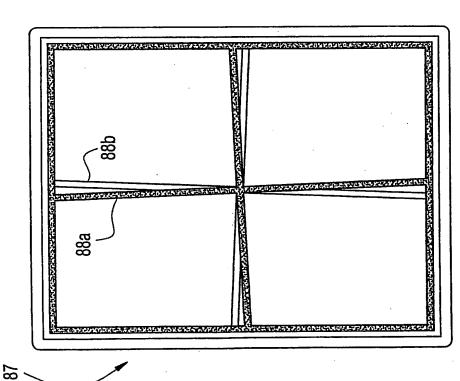


FIG. 24B



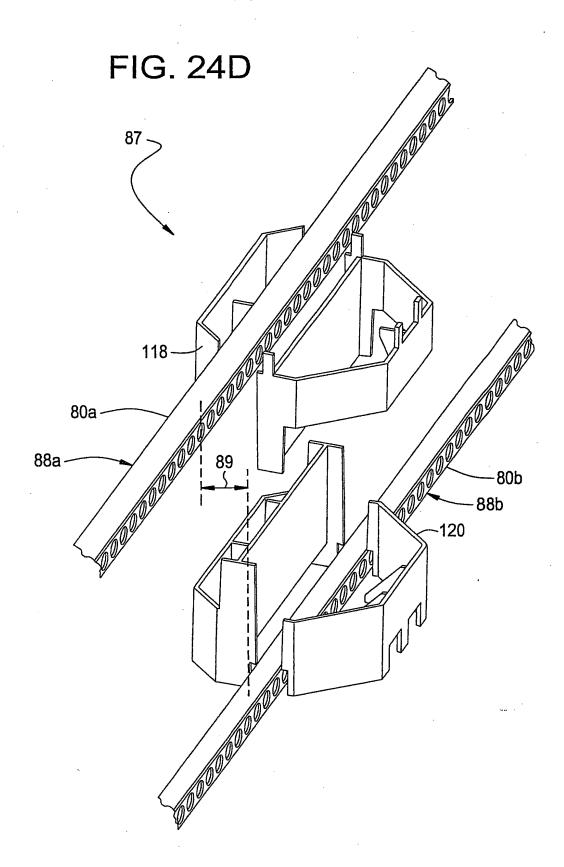


FIG. 25

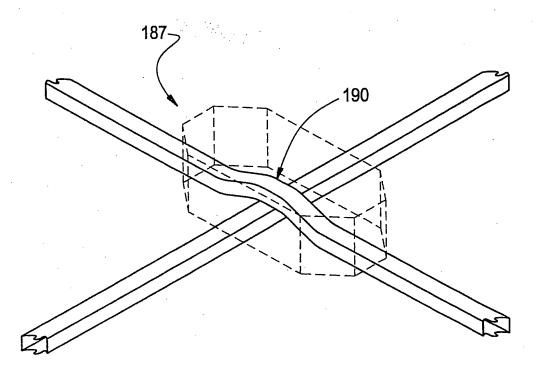


FIG. 26A

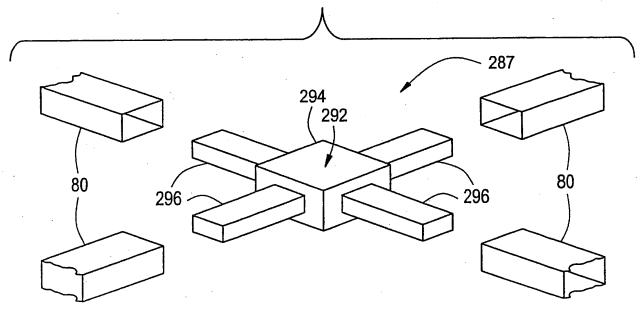
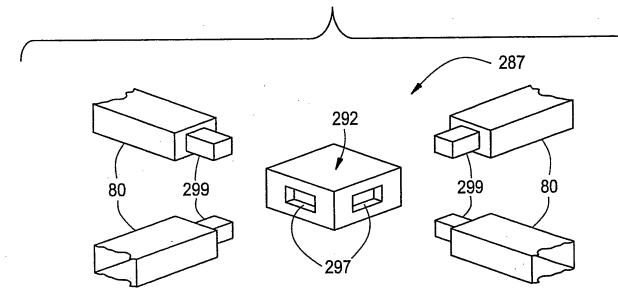
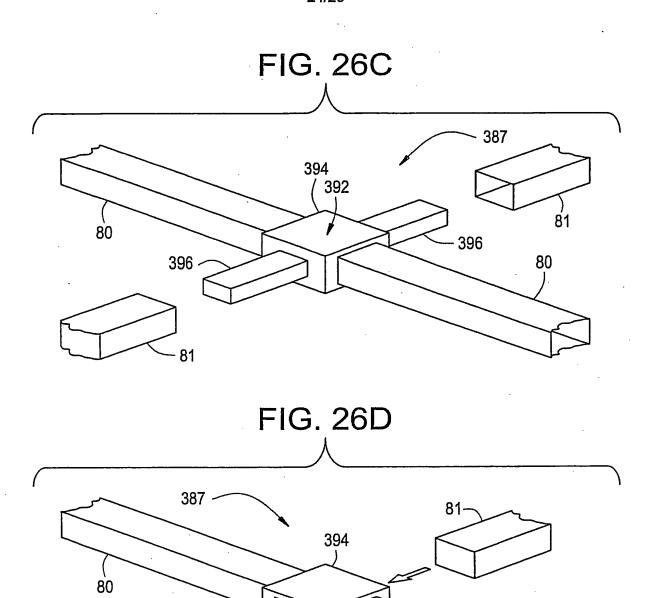


FIG. 26B





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FIG. 27
Virginia Tech Load Test Summary

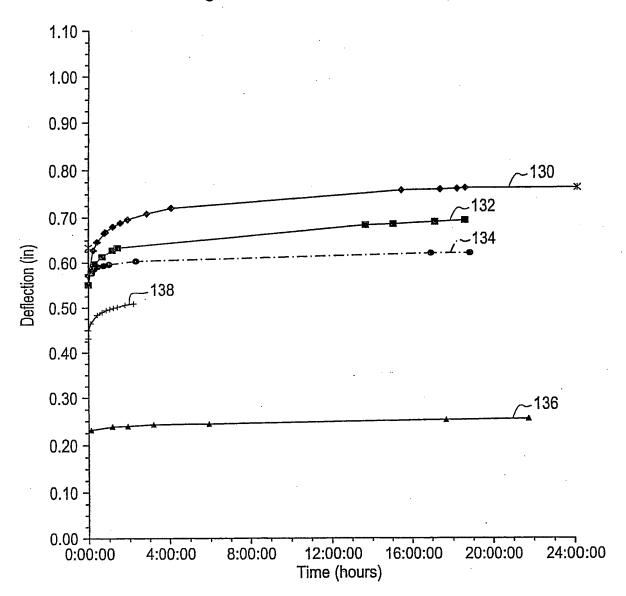


FIG. 28

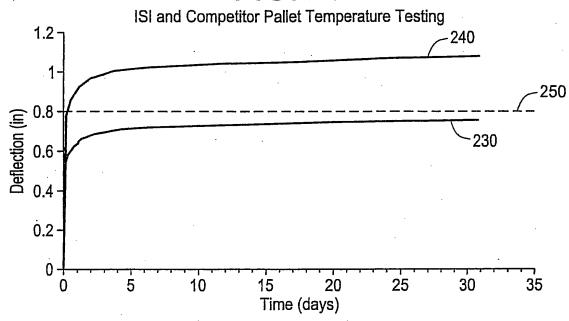


FIG. 29

